

2007 Update to the State of Montana Multi-Hazard Mitigation Plan and Statewide Hazard Assessment



August 2007

Prepared by:



Prepared for:

The State of Montana
Department of Military Affairs
Disaster and Emergency Services (DES)



2007 UPDATE

STATE OF MONTANA MULTI-HAZARD MITIGATION PLAN AND STATEWIDE HAZARD ASSESSMENT

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Prepared:

August 2007

September 4, 2007

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Federal Emergency Management Agency
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Dear Mr. Maurstad:

Enclosed for your final review and approval is the 2007 Update to the State of Montana Multi-Hazard Mitigation Plan and Statewide Hazard Assessment. As the Governor of the State of Montana, I hereby adopt this plan on behalf of the State of Montana.

Floods, wildfires, landslides, earthquakes, severe storms, and other such events are natural occurrences that disrupt and may pose serious hazards to the lives of our citizens. It is our policy to study and learn from past natural hazard events and apply the knowledge gained to our State Plan. We believe, and experience has taught us, that acting from a broad information base enhances our ability to reduce the threat of natural disasters to people, property and resources without further adverse impact to the environment. Implementation of the recommendations contained in this plan will contribute greatly to the safety and well being of the citizens of the Big Sky State.

The Montana Disaster and Emergency Services Division prepared the attached plan with the assistance of personnel from State and federal agencies, local governments, private businesses and other stakeholders. Montana State agencies, in accordance with our Montana Emergency Plans and legislation, have been very active in mitigation actions, and preparedness as well as response and recovery phases of emergency management. You will find that this plan provides a clear opportunity to work cooperatively and creatively to mitigate damage in future events.

The plan identifies and profiles the range of natural hazards affecting the State, assesses the state's risk and vulnerability to natural hazards, examines existing hazard mitigation capabilities, develops statewide mitigation goals and strategies, and establishes a framework for implementing those goals and strategies and well as for monitoring, evaluating and updating the plan.

This Plan is in full compliance with the planning requirements of the Disaster Mitigation Act of 2000 and the Interim Final Rule (44 CFR Parts 201 and 206), thus keeping the State of Montana qualified to receive funding under all FEMA disaster assistance and hazard mitigation grant programs. Montana will comply with all applicable Federal statutes and regulations in effect with respect to the periods in which it receives grant funding, and will amend its plan whenever necessary to reflect changes in state and federal laws and statutes, as required in 44 CFR 13.11(c) and (d).

Mr. David Maurstad
Regional Director, Region VIII
Federal Emergency Management Agency
September 4, 2007
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We would like to thank your staff for their extremely valuable guidance and assistance in the completion of this Plan.

Sincerely,

Brian Schweitzer
Governor, State of Montana

Enclosure:

State of Montana Multi-Hazard Mitigation Plan and Statewide Hazard Assessment

LIST OF ACRONYMS

AIDS	Acquired Immunodeficiency Syndrome
APHIS	Animal and Plant Health Inspection Service
ARM	Administrative Rules of Montana
ARS	Agricultural Research Service
BAER	Burned Area Emergency Rehabilitation
BEA	Bureau of Economic Analysis
BIA	Bureau of Indian Affairs (U.S.)
BLM	Bureau of Land Management (U.S.)
BOR	Bureau of Reclamation (U.S.)
BSE	Bovine Spongiform Encephalopathy
CAP	Community Assistance Program
CDC	Centers for Disease Control
CGS	Colorado Geologic Survey
CJD	Creutzfeldt-Jacob Disease
CoCoRaHS	Community Collaborative Rain, Hail, Snow Network
COE	United States Army of Corps of Engineers
COFR	Council of Foreign Relations
COG	Continuity of Government
COOP	Continuity of Operations Plan
CPFM	Community Protection Fuels Mitigation
CRP	Conservation Reserve Program
CRREL	Cold Regions Research and Engineering Laboratory
CRS	Community Rating System
CWD	Chronic Wasting Disease
DEQ	Department of Environmental Quality (Montana)
DES	Disaster and Emergency Services
DLI	Department of Labor and Industry (Montana)
DMA	Department of Military Affairs (Montana)
DNRC	Department of Natural Resources and Conservation (Montana)
DOA	Department of Administration (Montana)
DOT	Department of Transportation (U.S.)
DPHHS	Department of Public Health and Human Services (Montana)
E. coli	Escherichia coli O157:H7
EAS	Emergency Alert System
EF	Enhanced Fujita
EIA	Energy Information Administration
EO	Executive Order
EPA	Environmental Protection Agency (U.S.)
EMPG	Emergency Management Performance Grant
EQIP	Environmental Quality Incentive Program
EWPP	Emergency Watershed Protection Program
FBI	Federal Bureau of Investigation
FEMA	Federal Emergency Management Agency
FLCTT	Federal Laboratory Consortium for Technical Transfer
FMA	Flood Mitigation Assistance
FMA	Fire Management Assistance
FMAG	Flood Mitigation Assistance Grants
FMD	Foot-and-Mouth Disease
FSA	Farm Service Agency
FSA	Federal Suppression Assistance
FWP	Department of Fish, Wildlife and Parks
FY	Fiscal Year

LIST OF ACRONYMS (CONTINUED)

GIS	Geographic Information Systems
GSP	Gross State Product
HIV	Human Immunodeficiency Virus
HMGP	Hazard Mitigation Grant Program
HPAI	High-Pathogenicity Avian Influenza
HPS	Hantavirus Pulmonary Syndrome
HPLF	High Potential Loss Facilities
HUD	Department of Housing and Urban Development
IA	Individual Assistance
IBC	International Business Code
ICBM	Inter-Continental Ballistic Missiles
IPM	Integrated Pest Management
IRC	International Residential Code
IT	Information Technology
IWW	International Workers of the World
LEPC	Local Emergency Planning Committee
LOG	Large Quantity Generator
LRBP	Long Range Building Program
MACo	Montana Association of Counties
MBMG	Montana Bureau of Mines and Geology
MCA	Montana Code Annotated
MDES	Montana Disaster and Emergency Services
MDNRC	Montana Department of Natural Resources and Conservation
MDPHHS	Montana Department of Public Health and Human Services
MDT	Montana Department of Transportation
MRI	McLaughlin Research Institute
MRL	Montana Rail Link
MSU	Montana State University
NCDC	National Climatic Data Center
NDD	Natural Disaster Determinations
NDMC	National Drought Mitigation Center
NEMIS	National Emergency Management Information System
NEPA	National Environmental Policy Act
NFP	National Fire Plan
NFIP	National Flood Insurance Program
NIAID	National Institute of Allergy and Infectious Diseases
NID	National Inventory of Dams
NIFC	National Interagency Fire Center
NIMS	National Incident Management System
NISEE	National Information Service for Earthquake Engineering
NOAA	National Oceanic and Atmospheric Administration
NPS	National Park Service (U.S.)
NRC	National Response Center (U.S.)
NRCS	Natural Resource Conservation Service (U.S.)
NRIS	Natural Resource Information System (Montana)
NTSB	National Transportation and Safety Board
NWR	NOAA Weather Radio
NWS	National Weather Service (U.S.)
PCIIS	Property Casualty Insurance Information System
PA	Public Assistance
PCIIS	Property Casualty Insurance Information System
PDM	Pre-Disaster Mitigation

LIST OF ACRONYMS (CONTINUED)

PHDI	Palmer Hydrologic Drought Index
RFA	Rural Fire Assistance
RL	Repetitive Loss
RML	Rocky Mountain Laboratories
SARS	Severe Acute Respiratory Syndrome
SBA	Small Business Administration
SHMO	State Hazard Mitigation Officer
SHMT	State Hazard Mitigation Team
SRL	Severe Repetitive Loss
TERC	Tribal Emergency Response Committee
TPO	Tornado Project Online
TRI	Toxics Release Inventory
UM	The University of Montana
USACE	United States Army of Corps of Engineers
USDA	United States Department of Agriculture
USGS	United States Geological Survey
USFS	United States Forest Service
USDOC	United States Department of Commerce
USDOT	United States Department of Transportation
vCJD	Variant-Creutzfeldt-Jacob Disease
VS	Vesicular Stomatitis
WMD	Weapons of Mass Destruction
WNV	West Nile Virus
WPDG	Wetland Program Development Grant
WUI	Wildland/Urban Interface
WWUI	Western Wildland Urban Interface
YPN	Yellowstone ParkNet

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